

## Third Summit on Responsible use of generative AI for science and society

Wednesday May 29th, 2024

Paris Institute for Advanced Studies  
Hôtel de Lauzun, 17 quai d'Anjou, île Saint-Louis, 75004

Generative artificial intelligence (AI) involves machine-learning systems that generate, summarize, and predict new content after autonomous learning on very large training sets and supervised learning through human feedback. This technology is developing at lightning speed, with new models rapidly approaching human-level performance in areas that used to be uniquely reliant on human intelligence. Generative AI creates unprecedented opportunities, such as accelerating innovation and the possibility to out-source repetitive tasks. Yet, they also pose several risks. For example, this technology may flood the Internet with misinformation and 'deepfakes' which could degrade trust between people, politicians, media and (scientific) institutions as well as threaten the integrity of science.

We, as interdisciplinary group of researchers, have called for action **to strive for international guidelines on the responsible use of generative AI in scientific research and society** ([van Dis, Bollen, Zuidema, van Rooij, and Bockting, Nature, February 2023](#)). To further this aim, we have organized two previous invitational summits, in April and June 2023, with relevant stakeholders and organizational representatives involved with scientific research, publishing, technology, and ethics.

During these summits, attendees reached consensus on a first set of "living guidelines" to promote a responsible use of generative AI based on values of **accountability, transparency, and independent oversight**. In addition, attendees agreed on the need for establishing an **independent auditing body** (see [Bockting, van Dis, Zuidema, van Rooij, & Bollen, Nature, October 2023](#)).

In the meantime, several initiatives to regulate (generative) AI have been taking shape. Even though these developments are promising, we believe that these initiatives insufficiently address the values of accountability, transparency, and independent oversight (Bollen, van Dis, Bockting, in preparation).

We invite you to join the Third Summit on responsible use of generative AI for science and society to further strengthen exchange and collaboration. The main aims of the Summit are to identify:

- (1) **The main priorities to safeguard the responsible use of generative AI**
- (2) **The next steps towards establishing an independent auditing body and international research collaborations**

## Programme

### **Working Lunch + Welcome** (Prof. Saadi Lahlou)

Noon – 13.30

#### **Part I**

13.30 - 14.45

### **Governance of generative AI: The case for an independent scientific auditing body**

(Chair: Prof. Claudi Bockting, Dr. Evi Anne van Dis)

- Living guideline for responsible use, what is still missing?
- Open questions/discussion points

### **14.45 - 15.00 Coffee Break**

#### **Part II**

15.00 - 17.00

### **Moving towards independent scientific auditing and international research collaborations**

(Chair: Prof. Huub Dijstelbloem)

- Short state of the art and review of existing initiatives
- Lessons learned from other key technological innovations
- Mapping opportunities for influencing ongoing processes to set up governance structures internationally
- Determining priorities for research collaborations to back living guidelines

### **Conclusions** (Dr. Olivier Bouin)

17.00 - 17.30

### **Cocktail**

17.30 – 18.30

### List of Participants

<b>Participants</b>	
Center for Social and Biomedical Complexity — Indiana University	Prof. Johan Bollen
Centre for European Policy Studies	Prof. Andrea Renda
European Academy of Sciences and Arts	Prof. Klaus Mainzer
European Commission	Mr. Liviu Stirbat
Institute for Advanced Study – Amsterdam	Prof. Huub Dijstelbloem
Institute for Advanced Study – Amsterdam	Dr. Julia Hoffmann
International Science Council	Dr. Dureen Eweis
Nature	Dr. Magdalena Skipper
Organisation for Economic Co-operation and Development	Dr. Luis Aranda
Organisation for Economic Co-operation and Development	Dr. Alistair Nolan
Organisation for Economic Co-operation and Development	Mr. Jens Lundsgaard
Paris Institute for Advanced Studies	Prof. Saadi Lahlou
Paris Institute for Advanced Studies	Prof. Michael Livermore
Paris Institute for Advanced Studies	Prof. Deshen Moodley
Sorbonne Université & Global Partnership on AI (GPAI)	Prof. Raja Chatila
UNESCO Social and Human Sciences	Dr. Gabriela Ramos
United Nations Human Rights Committee	Prof. Yvonne Donders
University of Amsterdam — AI, Media and Democracy Lab	Prof. Natali Helberger
University of Amsterdam — Institute for Logic, Language and Computation	Prof. Robert van Rooij
<b>Organizing Committee</b>	
Amsterdam UMC, Centre for Urban Mental Health & University of Amsterdam, Institute for Advanced Study	Prof. Claudi Bockting
Amsterdam UMC, Centre for Urban Mental Health, University of Amsterdam	Dr. Evi-Anne van Dis
International network of University-Based Institute for Advanced Study	Dr. Olivier Bouin